

# How much does a 288-core optical cable weigh



## Overview

Of course the cable is much lighter than copper but much heavier than you are used to with fiber - it weighs 752 kg/km or about 1/2 pound per foot. The minimum bend radius is 15 times the cable diameter or 480mm (~19 inches), about a meter or yard in. Fiber Indoor/Outdoor cable, TeraSPEED<sup>®</sup>, Single Jacket All-Dielectric, 288 fiber, Riser Rated, Gel-Free, Stranded Loose Tube, Singlemode G. A1, Feet jacket marking, Black jacket color Finish making your selections or clear them to view relevant specifications. You are about to. Universal OFC MLT: GLASS YARNS + CST + LSZH with 12 Tubes of Ø2. Universal (Indoor/Outdoor) dry core optical fiber Multi Loose Tube cable with glass yarns as strength member, Corrugated Steel Tape (Full Rodent Protected) armor and Low Smoke Zero Halogen outer jacket. Product. Corning ALTOS<sup>®</sup> Lite gel-free, single-jacket, single-armored cables are designed for campus backbones in direct-buried installations. The loose tube design provides stable and highly reliable transmission parameters for a variety of voice, data, video and imaging applications. These cables also. Call Us: 1-516-482-6313 Text Us: 1-516-703-3460 Live Chat: Bottom Right Corner! 288 Fiber 12 Strand 27 Series Riser Gel Filled Loose Tube Indoor Outdoor Fiber Optic Cable Allowable Ampacity for 288 Fiber 12 Strand 27 Series Riser Gel Filled Loose Tube Indoor Outdoor Fiber Optic Cable: 100 Amps. This has led to two new cable designs, microcables with up to 288 or even 432 fibers and high fiber count cables. The demand for even higher fiber counts and higher cable density came from two fronts, data centers. Corning UltraRibbon Riser Gel-Free Cables continue the innovative breakthrough in indoor cable technology with a new generation of high-fiber-count single tube cables. Providing up to 432 fibers in a rugged, compact design, the cable maximizes the use of critical duct space and can easily fit in.

## Article Content

Jun 17, 2026

760086710 | R-288-LN-8W-F12BK/25D | CommScope

Fiber Indoor/Outdoor cable, TeraSPEED ®, Single Jacket All-Dielectric, 288 fiber, Riser Rated, Gel-Free, Stranded Loose Tube, Singlemode G.652.D and G.657.A1, Feet jacket marking, Black jacket ...

Nov 18, 2025

Much vs Many: A Simple Guide to Correct Usage

“Much” is used with uncountable nouns, such as “water” or “time,” while “many” is used with countable nouns, like “books” or “apples.” Both words can appear in negative sentences, ...

Jun 22, 2026

Product Spec Sheet 288EV7-14101D20

Providing up to 432 fibers in a rugged, compact design, the cable maximizes the use of critical duct space and can easily fit in 1.25-in inner duct. A specially formulated flame-retardant jacket allows this ...

Dec 25, 2025

much determiner

Definition of much determiner in Oxford Advanced Learner's Dictionary. Meaning, pronunciation, picture, example sentences, grammar, usage notes, synonyms and more.

Nov 01, 2025

288 Fibre MicroCore Stranded Loose Tube Cable with Sacrificial ...

288 Fibre MicroCore® Stranded Loose Tube Cable with Sacrificial Sheath res contained in jelly-filled loose tubes (up to 24 fibres per tube). The tubes are laid up around a central non-metallic strength ...

Jun 20, 2026

MUCH Synonyms & Antonyms

Find 136 different ways to say MUCH, along with antonyms, related words, and example sentences at Thesaurus .

Dec 21, 2025

MUCH Definition & Meaning | Dictionary

MUCH definition: great in quantity, measure, or degree. See examples of much used in a sentence.

Jul 27, 2025

MUCH | English meaning

MUCH definition: 1. a large amount or to a large degree: 2. a far larger amount of something than you want or need.... Learn more.

Feb 10, 2026

Product Spec Sheet 288FUC-T4101D20

288FUC-T4101D20 Corning ALTOS® Lite gel-free, single-jacket, single-armored cables are designed for campus backbones in direct-buried installations. The loose tube design provides ...

Jan 20, 2026

Excel Enbeam OS2 Armoured CST Fibre Optic Cable Loose ...

Enbeam OS2 Singlemode CST Armoured Fibre Optic Cable Loose Tube 288 Core 9/125 HDPE Fca Black, part of a huge range of OS2 fibre optic cables fully stocked at Mayflex.

Feb 15, 2026

Opti-Core 144 and 288-Fibre Indoor Ribbon Cables, LSZH and

288 singlemode fibres for high density data center distribution applications. The fibres shall be ribbonized for easy mass fusion splicing and termination with 12-fibre MPO style connectors.

Jun 26, 2026

GCCF288 Technical Data Sheet

Product feature: This cable has improved rodent protection by Corrugated Steel Tape (Full Rodent Protected). Existing out of 12 tubes with a diameter of 2.5mm with 288 fibers (12t x 24f) MM OM2.

Jun 03, 2026

The FOA Reference For Fiber Optics

Just the reel it's shipped on is oversized - it should have a ~750mm (30 inch) core and will be probably ~1.8m (6 feet ) in overall diameter. 3300 feet (1km) of this cable will weigh 550-750kg (1200-1700 ...

Feb 25, 2026

288 ct Single-Mode Dielectric Fiber Optic Cable, Zero ...

Your initial online order does not have shipping costs included and will not be complete without a custom shipping quote. After you submit your initial online order, our Sales Team will generate a ...

Oct 02, 2025

“Much” or “Mutch”—Which to use? | Sapling

much / mutch are similar-sounding terms with different meanings (referred to as homophones). To better understand the differences, see below for definitions, pronunciation guides, and example sentences ...

Dec 23, 2025

MUCH Definition & Meaning

The meaning of MUCH is great in quantity, amount, extent, or degree. How to use much in a sentence.

May 03, 2026

288 Fiber 12 Strand 27 Series Riser Gel Filled Loose Tube Indoor ...

This document establishes the specification requirements for a riser rated indoor/outdoor, all dielectric, dry block fiber optic cable in a gel filled loose buffer tube design

Apr 02, 2026

MUCH definition and meaning | Collins English Dictionary

You use much to indicate the great intensity, extent, or degree of something such as an action, feeling, or change. Much is usually used with "so", "too", and "very", and in negative clauses with this meaning.

## Contact Us

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